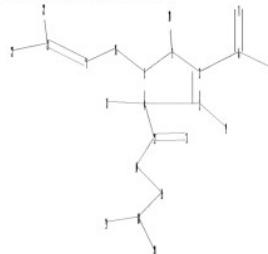
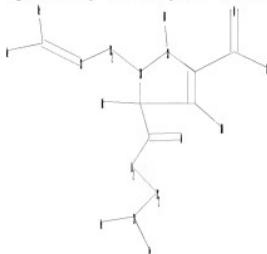


FILE 'HOME' ENTERED AT 19:11:35 ON 14 MAR 2008

=> file reg
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY
0.21
TOTAL SESSION
0.21

=>
Uploading C:\Program Files\Stnexp\Queries\10789817.str

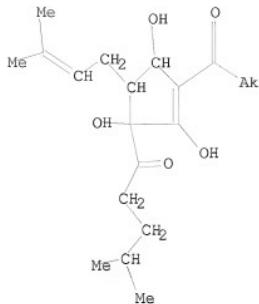


chain nodes :
6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
ring nodes :
1 2 3 4 5
chain bonds :
1-10 2-6 3-9 4-11 4-12 5-16 6-7 6-8 12-13 12-14 14-15 15-18 16-17 17-21
18-19 18-20 21-22 21-23
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
1-2 1-5 1-10 2-3 3-4 3-9 4-5 4-11 6-7 6-8 12-13
exact bonds :
2-6 4-12 5-16 12-14 14-15 15-18 16-17 17-21 18-19 18-20 21-22 21-23

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS

L1 STRUCTURE UPLOADED

=> d 11
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

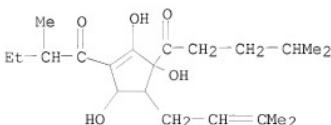
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=> s 11 full
FULL SEARCH INITIATED 19:12:26 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 215 TO ITERATE
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100.0% PROCESSED 215 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01
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```
L2 1 SEA SSS FUL L1
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=> d 12
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L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
RN 685110-36-5 REGISTRY
ED Entered STN: 24 May 2004
CN 1-Pentanone, 4-methyl-1-[1,2,4-trihydroxy-5-(3-methyl-2-butenyl)-3-(2-methyl-1-oxobutyl)-2-cyclopentenyl]- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1-Pentanone, 4-methyl-1-[1,2,4-trihydroxy-5-(3-methyl-2-butenyl)-3-(2-methyl-1-oxobutyl)-2-cyclopentenyl]- (9CI)
OTHER NAMES:
CN Tetrahydrooadhumulone
MF C21 H34 O5
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPAT2, USPATFULL
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

14 REFERENCES IN FILE CA (1907 TO DATE)
14 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file hcplus

=> s 12 and (caffeine or aminophylline or methylxanthine or chlorotheophylline or IBMX or pamabrom or paraxanthine or pentoxyfylline or propentofylline or theobromine or theodrenaline or theophylline)

14 L2

32961 CAFFEINE
3613 AMINOPHYLLINE
4507 METHYLXANTHINE
273 CHLOROTHEOPHYLLINE
3346 IBMX
22 PAMABROM
517 PARAXANTHINE
7 PENTOXIFYLLINE
302 PROPENTOFYLLINE
4159 THEOBROMINE
18 THEODRENALINE
22353 THEOPHYLLINE

L3 2 L2 AND (CAFFEINE OR AMINOPHYLLINE OR METHYLXANTHINE OR CHLOROTHEOPHYLLINE OR IBMX OR PAMABROM OR PARAXANTHINE OR PENTOXIFYLLINE OR PROPENTOFYLLINE OR THEOBROMINE OR THEODRENALINE OR THEOPHYLLINE)

=> d ibib 1-

YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):y

L3 ANSWER 1 OF 2 HCPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2007:873413 HCPLUS <<LOGINID::20080314>>
DOCUMENT NUMBER: 147:243339
TITLE: Synergistic anti-inflammatory pharmaceutical composition comprising curcuminoid or methylxanthine
INVENTOR(S): Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 37pp., Cont.-in-part of U.S. Ser. No. 789,817.
CODEN: USXKC0
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2007185213	A1	20070809	US 2007-590424	20070402
US 2005191375	A1	20050901	US 2004-789817	20040227
WO 2005084230	A2	20050915	WO 2005-US6147	20050226
WO 2005084230	A3	20051215		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA,UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,

AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2004-789817 A2 20040227
WO 2005-US6147 W 20050226

OTHER SOURCE(S): MARPAT 147:243339

L3 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2005:961505 HCAPLUS <>LOGINID::20080314>>
DOCUMENT NUMBER: 143:241995
TITLE: Synergistic antiinflammatory pharmaceutical
compositions and related methods using a hops-derived
fraction and curcuminoids or methylxanthines
INVENTOR(S): Babish, John G.; Tripp, Matthew L.; Bland, Jeffrey S.
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 37 pp.
CODEN: USXKC0
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005191375	A1	20050901	US 2004-789817	20040227
AU 2005218319	A1	20050915	AU 2005-218319	20050226
CA 2557643	A1	20050915	CA 2005-2557643	20050226
WO 2005084230	A2	20050915	WO 2005-US6147	20050226
WO 2005084230	A3	20051215		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MM, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1718312	A2	20061108	EP 2005-723839	20050226
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
CN 1946409	A	20070411	CN 2005-80011830	20050226
JP 2007525523	T	20070906	JP 2007-501015	20050226
MX 2006PA09746	A	20070330	MX 2006-PA9746	20060825
KR 2007018046	A	20070213	KR 2006-720068	20060927
US 2007185213	A1	20070809	US 2007-590424	20070402
PRIORITY APPLN. INFO.:			US 2004-789817	A 20040227
			WO 2005-US6147	W 20050226

OTHER SOURCE(S): MARPAT 143:241995

=> s (tetra-hydroisoalpha or isoalpha or tetrahydro) and (caffeine or aminophylline
or methylxanthine or chlorothiophylline or IBMX or pambrom or paraxanthine or
pentoxifyline or propentofylline or theobromine or theodrenaline or theophylline)

67985 TETRA
0 HYDROISOALPHA
0 TETRA-HYDROISOALPHA
(TETRA(W)HYDROISOALPHA)

42 ISOALPHA
74469 TETRAHYDRO
32961 CAFFEINE
3613 AMINOPHYLLINE
4507 METHYLXANTHINE
273 CHLOROTHEOPHYLLINE
3346 IBMX
22 PAMABROM
517 PARAXANTHINE
7 PENTOXIFYLINE
302 PROPENTOFYLLINE
4159 THEOBROMINE
18 THEODRENALINE
22353 THEOPHYLLINE
L4 629 (TETRA-HYDROISOALPHA OR ISOALPHA OR TETRAHYDRO) AND (CAFFEINE
OR AMINOPHYLLINE OR METHYLXANTHINE OR CHLOROTHEOPHYLLINE OR IBMX
OR PAMABROM OR PARAXANTHINE OR PENTOXIFYLINE OR PROPENTOFYLLINE
E OR THEOBROMINE OR THEODRENALINE OR THEOPHYLLINE)

=> s l4 and acid
4545466 ACID
L5 411 L4 AND ACID

=> s 15 and 1920<=py<=2004
24694921 1920<=PY<=2004
L6 393 L5 AND 1920<=PY<=2004

=> s 15 and 1920<=py<=2003
23592144 1920<=PY<=2003
L7 391 L5 AND 1920<=PY<=2003

=> s (isoalpha(w)acid) and (caffeine or aminophylline or methylxanthine or
chlorotheophylline or IBMX or pamabrom or paraxanthine or pentoxyfilyne or
propentofyline or thebromine or theodrenaline or theophylline)
42 ISOALPHA
4545466 ACID
29 ISOALPHA(W)ACID
32961 CAFFEINE
3613 AMINOPHYLLINE
4507 METHYLXANTHINE
273 CHLOROTHEOPHYLLINE
3346 IBMX
22 PAMABROM
517 PARAXANTHINE
7 PENTOXIFYLINE
302 PROPENTOFYLLINE
4159 THEOBROMINE
18 THEODRENALINE
22353 THEOPHYLLINE
L8 0 (ISOALPHA(W)ACID) AND (CAFFEINE OR AMINOPHYLLINE OR METHYLXANTHINE
NE OR CHLOROTHEOPHYLLINE OR IBMX OR PAMABROM OR PARAXANTHINE
OR PENTOXIFYLINE OR PROPENTOFYLLINE OR THEOBROMINE OR THEODRENALINE
INE OR THEOPHYLLINE)